## **EAST Search History**

| Ref<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|----------|------|---|---|---------------------|---------|---------------------|
| L1       | 4380 | (mask\$3 or stencil<br>or master) same<br>(um or micrometer<br>\$1) same<br>substrate | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/06/01<br>13:50 |
| L2       | 346  | 1 same (fill\$3 or<br>plug\$4)  | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/06/01<br>13:51 |
| L3       | 0    | 2 same pattern44  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/06/01<br>13:51 |
| L4       | 146  | 2 same pattern\$4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/06/01<br>13:51 |
| L5       | 0    | 427/282.ccls and<br>2   | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/06/01<br>13:54 |
| L6       | 2    | 427/282.ccls. and<br>2  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/06/01<br>13:54 |
| L7       | 31   | 427/282.ccls. and<br>1  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/06/01<br>13:54 |

| L8  | 0     | (mask\$3 or stencil<br>or master) and<br>"427".ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01<br>14:05 |
|-----|-------|---|---|----|-----|---------------------|
| L9  | 0     | (mask\$3 or stencil<br>or master) and<br>"427/\$".ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01<br>14:05 |
| L10 | 22176 | (mask\$3 or stencil<br>or master) and<br>"427"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01<br>14:05 |
| L11 | 1655  | (mask\$3 or stencil<br>or master) and<br>427/282.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01<br>14:06 |
| L12 | 1027  | (mask\$3 or stencil<br>or master) same<br>(distance or<br>separat\$3 or<br>above) and<br>427/282.ccls.                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01<br>14:06 |
| L13 | 25    | ((mask\$3 or<br>stencil or master)<br>same (distance or<br>separat\$3 or<br>above) same<br>punch\$3)and<br>427/282.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01<br>14:07 |
| L14 | 1     | ((mask\$3 or<br>stencil or master)<br>same (distance or<br>separat\$3 or<br>above) same<br>punch\$3)and<br>427/96.1.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01 14:10    |

| L15 | 3   | ((mask\$3 or<br>stencil or master)<br>same (distance or<br>separat\$3 or<br>above) same<br>punch\$3)and<br>427/256.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR |     | 2009/06/01<br>14:10 |
|-----|-----|--|---|----|-----|---------------------|
| L16 | 186 | ((mask\$3 or<br>stencil or master)<br>same (distance or<br>separat\$3 or<br>above) same<br>punch\$3) same<br>solder\$3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01<br>14:11 |
| L17 | 186 | (mask\$3 or stencil<br>or master) same<br>(distance or<br>separat\$3 or<br>above) same<br>punch\$3 same<br>solder\$3     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01<br>14:11 |
| L18 | 45  | (mask\$3 or stencil<br>or master) same<br>(distance or<br>separat\$3 or<br>above) same<br>needle same<br>solder\$3       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01<br>14:13 |
| L19 | 0   | (mask\$3 or stencil<br>or master) same<br>(distance or<br>separat\$3 or<br>above) same<br>dislog\$4 same<br>solder\$3    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS, EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01<br>14:14 |
| L20 | 22  | (mask\$3 or stencil<br>or master) same<br>(distance or<br>separat\$3 or<br>above) same<br>dislodg\$4 same<br>solder\$3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01          |
| L21 | 595 | (mask\$3 or stencil<br>or master) same<br>(distance or<br>separat\$3 or<br>above) same pin<br>\$1 same solder\$3         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01          |

| L22 | 28   | 21 and "427"/\$.<br>ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01<br>14:18 |
|-----|------|---|---|----|-----|---------------------|
| L23 | 1754 | (mask\$3 or stencil<br>or master) same<br>pin\$1 same solder<br>\$3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01<br>14:20 |
| L24 | 28   | 22 and "427"/\$.<br>ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01<br>14:20 |
| L25 | 72   | 23 and "427"/\$.<br>ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01<br>14:20 |
| L26 | 44   | 25 not 22   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/01<br>14:20 |
| L27 | 23   | ("4622239"   "4704305"   "4704305"   "4702402"   "4720402"   "4934309"   "4961955"   "5197655"   "5275970"   "5222054"   "5326658"   "5356658"   "5389148"   "5395643"   "5415337"   "56626277"   "5713275"   "6138562" | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/06/01<br>14:26 |

|     | *************************************** | "6240840"  <br>"6460755").PN.<br>OR ("6730358").<br>URPN.  | *************************************** | *************************************** | *************************************** | *************************************** |
|-----|---|--|---|---|---|---|
| L28 | 14                                      | ("2724364"  <br>"3198169"  <br>"3604391"  <br>"3952697"  <br>"4273607"  <br>"4323593"  <br>"4352712").PN.<br>OR ("4704305"). | US-PGPUB;<br>USPAT; USOCR               | OR                                      | OFF                                     | 2009/06/01                              |
| L29 | 14                                      | ("2724364"  <br>"3198169"  <br>"3604391"  <br>"3952697"  <br>"4273607"  <br>"4323593"  <br>"4352712").PN.<br>OR ("4704305"). | US-PGPUB;<br>USPAT; USOCR               | OR                                      | OFF                                     | 2009/06/01<br>14:34                     |
| L30 | 3                                       | ("6138562".pn. or<br>"5389148".pn. or<br>"5275970".pn.)  | US-PGPUB;<br>USPAT; USOCR               | OR                                      | OFF                                     | 2009/06/01<br>14:35                     |

## 6/1/09 2:36:21 PM

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